

CERTIFICATE OF MAILING

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Cindy Baglietto



PATENT

Attorney Docket No. 21200-709

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)

PATENT APPLICATION

Inventor(s): David C. Gelvin, et al.)

Art Unit: 2151

Application No.: 09/684,387)

Examiner: Not Yet Assigned

Filed: October 4, 2000)

Title **Apparatus for Compact Internetworked
Wireless Integrated Network Sensors (WINS)**)

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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

☐ a certification as specified in §1.97(e) is provided below; or

☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

A. a certification as specified in §1.97(e) is completed below; and

B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; and

C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of \$ 0 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 21200-709).

Respectfully submitted,

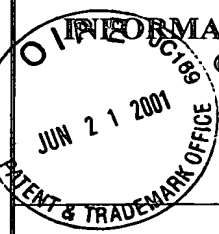
WILSON SONSINI GOODRICH & ROSATI

By: R. L. Gregory, Jr.

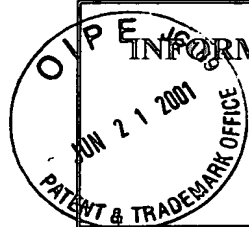
Richard L. Gregory, Jr., Reg. No. 42,607

Dated: 6-19-01

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INFORMATION DISCLOSURE CITATION PTO-1449 			ATTY. DOCKET NO. 21200-709		SERIAL NO. 09/684,387		
			APPLICANT David C. Gelvin, et al.				
			FILING DATE 10/4/2000		GROUP 2151		
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	6,208,247	3/27/2001	Agre, et al.	340	539	8/18/98	
	4,520,674	6/4/85	Canada, et al.	73	660	11/14/83	
	4,649,524	3/10/87	Vance	367	13	8/22/83	
	4,812,820	3/14/89	Chatwin	340	518	7/23/86	
	4,855,713	8/8/89	Brunius	340	506	10/7/88	
	4,951,029	8/21/90	Severson	340	95.3	10/24/90	
	5,241,542	8/31/93	Natarajan, et al.	370	202	8/23/91	
	5,247,564	9/21/93	Zicker	379	40	10/24/90	
	5,295,154	3/15/94	Meier, et al.	375	1	5/3/93	
	5,428,636	6/27/95	Meier	375	202	5/7/93	
	5,475,687	12/12/95	Markkula, Jr., et al.	370	85.1	7/27/93	
	5,553,076	9/3/96	Behtash, et al.	370	95.3	5/2/94	
	5,659,195	8/19/97	Kaiser, et al.	257	415	6/8/95	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Ann Bhatnagar, et al., "Layer Net: A New Self-Organizing Network Protocol"; 1990 IEEE Military Communications Conference, Monterey, CA., September 30 thru October 3; pgs. 845-849.						
	Norman Abramson, "The Throughput of Packet Broadcasting Channels", IEEE Transactions on Communications, Vol. Com-25, No. 1, January 1977, pgs. 117-128.						
	C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Milcom 96 Conference Proceedings, October 22-24, 1996, pgs. 235-239.						
	G. Asada, et al. "Low Power Wireless Communication and Signal Processing Circuits for Distributed Microsensors", Proceedings of 1997 IEEE International Symposium on Circuits and Systems; June 9-12, 1997, Hong Kong, pgs. 2817-2820.						
	K. Bult, et al. "Low Power Systems for Wireless Microsensors", 1996 International Symposium on Low Power Electronics and Design; pgs. 17-21.						
EXAMINER			DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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			APPLICANT David C. Gelvin, et al.				
			FILING DATE 10/4/2000		GROUP 2151		
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,726,911	3/10/98	Canada, et al.	364	550	8/22/96	
	5,852,351	12/22/98	Canada, et al.	318	490	8/20/97	
	5,854,994	12/29/98	Canada, et al.	702	56	8/23/96	
	5,907,491	5/25/99	Canada, et al.	364	468.15	4/4/97	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Anthony Ephremides, et al. "A Design Concept for Reliable Mobile Radio Networks with Frequency Hopping Signaling"; Proceedings of the IEEE, Vol. 75, No.1, January 1987; pgs. 56-73						
	K. Bult, et al., "Wireless Integrated Microsensors"; Solid-State Sensor and Actuator Workshop, Hilton Head South Carolina, June 3-6, 1996, pgs. 205-210.						
	C. David Young, "A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Rockwell International Working Paper, October 25, 1995, pgs. 1-29.						
	Tsung-Hsien Lin, et al, "Wireless Integrated Network Sensors (WINS) for Tactical Information Systems", Rockwell Science Center, Thousand Oaks, January 1998, pgs. 1-6.						
	Michael J. Dong, et al. "Low Power Signal Processing Architectures for Network Microsensors"; University of California, Los Angeles, ISLPED 97, International Symposium on Low Power Electronics and Design, January 1998, pgs. 1-5.						
EXAMINER			DATE CONSIDERED				

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